PTO/SB/05 (07-03)

Date

Approved for use through 07/31/2003. OMB 0651-0032
U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Attorney Docket No. UTILITY PATENT APPLICATION First Inventor TRANSMITTAL 730392477US (Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. Commissioner for Patents APPLICATION ELEMENTS ADDRESS TO: P.O. Box 1450 See MPEP chapter 600 concerning utility patent application contents. Alexandria VA 22313-1450 CD-ROM or CD-R in duplicate, large table or 1. 🚺 Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Computer Program (Appendix) 2. 🔽 Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if ap<u>plicable, all necessary</u>) 3. V Specification [Total Pages_ Computer Readable Form (CRF) (preferred arrangement set forth below) - Descriptive title of the invention Specification Sequence Listing on: - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D CD-ROM or CD-R (2 copies); or - Reference to sequence listing, a table, or a computer program listing appendix Background of the Invention - Brief Summary of the Invention Statements verifying identity of above copies - Brief Description of the Drawings (if filed) - Detailed Description ACCOMPANYING APPLICATION PARTS - Claim(s) - Abstract of the Disclosure Assignment Papers (cover sheet & document(s)) Power of 4. Drawing(s) (35 U.S.C. 113) [Total Sheets _ 10. T 37 CFR 3.73(b) Statement (when there is an assignee) Attorney 5. Oath or Declaration Total Sheets 11. 👿 English Translation Document (if applicable) Copies of IDS a. Newly executed (original or copy) 12. 🔽 Information Disclosure Statement (IDS)/PTO-1449 Citations Copy from a prior application (37 CFR 1.63(d)) 13. Preliminary Amendment (for continuation/divisional with Box 18 completed) Return Receipt Postcard (MPEP 503) 14. (Should be specifically itemized) **DELETION OF INVENTOR(S)** 15. Certified Copy of Priority Document(s) Signed statement attached deleting inventor(s) (if foreign priority is claimed) name in the prior application, see 37 CFR 16. 🔲 Nonpublication Request under 35 U.S.C. 122 1.63(d)(2) and 1.33(b). (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. ion to Make Special
Other: Petition to Make Special
and Copy of Birth Sextifican Application Data Sheet. See 37 CFR 1.76 17. 🔲 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: ___ Continuation Divisional Continuation-in-part (CIP) of prior application No.: Examiner_ Art Unit: For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Correspondence address below Customer Number: Name Address City State Zip Code Telephone Fax Country Registration No. (Attorney/Agent) Name (Print/Type)

This collection of information is required by 57 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandra, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Signature

PTO/SB/17 (10-03)
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FEE TRANSMITTAL		C mplete if Known					
පි FEE TRANSMITTAL			Application Number		per		
for EV 2004		Filing Date					
for FY 2004		First Named Inventor			ntor		
Effective 10/01/2003. Patent fees are subject to annual revision.		Examiner Name					
Applicant claims small entity status. See 37 CFR 1.27		Art Unit					
TOTAL AMOUNT OF PAYMENT (\$) 385.00		Attorney Docket No.			No.		
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)					
Check Credit card Money Other None		3. ADDITIONAL FEES arge Entity 1 Small Entity					
Deposit Account:	Fee		Fee	Fee			
Deposit Account	Cod		Code		Fee Description <u>Fee Paid</u>		
Number	1051	1 130	2051		Surcharge - late filing fee or oath		
Deposit Account	1052	2 50	2052	25	Surcharge - late provisional filing fee or cover sheet		
Name The Director is authorized to: (check all that apply)		3 130	1053		Non-English specification		
Charge fee(s) indicated below Credit any overpayments		2 2,520	1812		For filing a request for ex parte reexamination		
Charge any additional fee(s) or any underpayment of fee(s)		920 *	1804	920*	Requesting publication of SIR prior to Examiner action		
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		5 1,840°	1805	1,840*	Requesting publication of SIR after Examiner action		
FEE CALCULATION		110	2251	55	Extension for reply within first month		
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month		
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month		
Fee Fee Fee Fee Paid Code (\$) Code (\$)	1254	1,480	2254	740	Extension for reply within fourth month		
1001 770 2001 385 Utility filing fee	1255	2,010	2255	1,005	Extension for reply within fifth month		
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal		
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal		
1004 770 2004 385 Reissue filing fee	1403	3 290	2403	145	Request for oral hearing		
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding		
SUBTOTAL (1) (\$)	1452	2 110	2452	55	Petition to revive - unavoidable		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		3 1,330	2453		Petition to revive - unintentional		
Fee from		1,330	2501		5 Utility issue fee (or reissue)		
Extra Claims below Fee Paid Total Claims X	1502		2502		Design issue fee		

	Fee from	1301	1,330	2501	665 Offity Issue fee (Of Teissue)	
	Extra Claims below Fee Paid	1502	480	2502	240 Design issue fee	
Total Claims	20** = X =	1503	640	2503	320 Plant issue fee	
Independent Claims - 3** = X = X		1460	130	1460	130 Petitions to the Commissioner	
Multiple Dependent		1807	50	1807	50 Processing fee under 37 CFR 1.17(q)	
Large Entity		1806	180	1806	180 Submission of Information Disclosure Stmt	
Fee Fee Code (\$)	Fee Fee <u>Fee Description</u> Code (\$)	8021	40	8021	Recording each patent assignment per property (times number of properties)	
1202 18	2202 9 Claims in excess of 20	1809	770	2809	385 Filing a submission after final rejection	
1201 86	2201 43 Independent claims in excess of 3				(37 CFR 1.129(a))	
1203 290	2203 145 Multiple dependent claim, if not paid	1810	770	2810	385 For each additional invention to be	
1204 86	2204 43 ** Reissue independent claims	1			examined (37 CFR 1.129(b))	
	over original patent	1801	770	2801	385 Request for Continued Examination (RCE)	
1205 18	2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900 Request for expedited examination of a design application	
			Other fee (specify)			
SUBTOTAL (2) (\$)		*Poduced by Posis Ellis Con Poid				
**or number	Redu	iced by	Dasic Fil	SUBTOTAL (3) (\$)		

SUBMITTED BY

Name (Print/Type)

Date (I applicable))

Name (Print/Type)

Date (I applicable))

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.